

CLAIMS

I claim:

1. A trigger lock affixed in a frame of a weapon for allowing a trigger of the weapon to operate when the lock is in a fire position and preventing operation of the trigger of the weapon when the lock is in
5 a no-fire position, the trigger lock comprising:

a shaft having a work end on one end and an indicator shaft on an opposite end, a cutout
located between the work end and the indicator shaft, the shaft housed in the frame;

10 at least one shaft cavity on the shaft end near the work end;

a spring located on the indicator shaft for biasing the shaft in the frame;

15 a bushing having at least one bushing ear on a first end with a bore extending from the first
end through the second end, the bushing housed in the frame and the second end exposed
to the exterior of the frame, the bushing ear for engagement with the shaft cavity of the shaft;
and

20 a key for insertion through the bore for engaging the work end of the shaft, the key for
causing a translation and rotation of the shaft from a fire position to a no-fire position and
from a no-fire position to a fire position.

2. The trigger lock of claim 1, further comprising:

25 a color indicator on the indicator shaft end which is visible when the trigger lock is in the fire
position.

3. The trigger lock of claim 1, wherein:

the bushing ear engages the shaft cavity of the shaft when the trigger lock is in the fire position.

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4. The trigger lock of claim 1, wherein:

the bushing ear engages the shaft cavity of the shaft when the trigger lock is in the no-fire position.

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5. The trigger lock of claim 1, further comprising:

a contact surface near the work end such that when the bushing ear engages the contact surface, the trigger is in the no-fire position.

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6. The trigger lock of claim 1, further comprising:

at least one flat side of the bushing has serrations.

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7. A trigger lock housed in a frame of a weapon, where each end of the trigger lock is exposed to the exterior of the frame, the trigger lock for allowing a trigger to operate when the trigger lock is in a fire position and not allowing the trigger to operate when the trigger is in a no-fire position, the trigger lock comprising:

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a shaft having an indicator shaft on one end and a work end adjacent a shaft cavity on an opposite end, a retainer located near the indicator shaft, a cutout located between the indicator shaft and work end;

a spring for insertion over the indicator shaft and contained between a shoulder and the
retainer;

5 a bushing inserted in the frame for retaining the shaft within the frame, the bushing having a
bore there through and at least one bushing ear on one end; and

a key for insertion through the bore and for engaging the work end for translation and rotation
of the shaft, where rotation of the shaft to a preset position places the cutout into a position
such that the trigger will fire and the rotation of the shaft from the fire position will orient the
10 cutout such that the trigger will be in the no-fire position.

8. The trigger lock of claim 7, further comprising:

at least one side of the bushing has serrations.
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9. The trigger lock of claim 7, further comprising:

a color indicator on the indicator shaft end which is visible when the trigger lock is in the fire
position.
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10. The trigger lock of claim 7, wherein:

the bushing ear engages the shaft cavity of the shaft when the trigger lock is in the fire
position.
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11. The trigger lock of claim 7, wherein:

the bushing ear engages the shaft cavity of the shaft when the trigger lock is in the no-fire position.

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12. The trigger lock of claim 7, further comprising:

a contact surface near the work end such that when the bushing ear engages the contact surface, the trigger is in the no-fire position.

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13. A trigger lock housed in a frame, the trigger lock for preventing the operation of a trigger in a no-fire position and allowing the operation of a trigger in a fire position, the trigger lock comprising:

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a shaft having a first end and a rod on the opposite end, a cutout located between the first end and the rod, the shaft rotatable within the frame;

a spring for retaining the shaft within the frame;

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a thumb lever for attachment to the rod of the shaft; and

where pressing the thumb lever in one directions causes the shaft to rotate so that the cutout is near the trigger and the trigger will operate and pressing the thumb pad in an opposite direction causes the shaft to rotate so that the cutout is not near the trigger and the trigger will not operate.

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14. The trigger lock of claim 13, further comprising:

a thumb pad on the lever.

5 15. The trigger lock of claim 13, further comprising:

a pin for attaching the thumb lever to the shaft.

10 16. A trigger lock housed in a frame, the trigger lock for preventing the operation of the trigger in a first position and allowing the operation of the trigger in the second position, the trigger lock comprising:

a shaft having a first end and a rod on the second end, a cutout from the shaft located between the first end and the rod;

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a spring around the shaft near the rod end for engaging the frame and shaft and retaining the shaft within the frame;

a thumb lever attached to the shaft; and

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where the rotation of the thumb lever causes the shaft to rotate such that the cutout prevents the operation of the trigger and rotation of the thumb lever in another direction causes the shaft to rotate such that the cutout allows the trigger to operate.

25 17. The trigger lock of claim 16, further comprising:

a thumb pad on the lever.

18. The trigger lock of claim 16, further comprising:

a pin for attaching the thumb lever to the shaft.